

PROSPECTS OF EDUCATION BASED ON ARTIFICIAL INTELLECTUALITY IN OUR COUNTRY

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Abstract: *This article presents the effectiveness of organizing classes based on artificial intelligence technologies, one of the most modern forms used in education, and its prospects in the education system of our country.*

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In Uzbekistan, like the education systems of many developed countries, artificial intelligence (AI) technologies are being introduced into the education system, and important legal documents have been adopted by our esteemed president to introduce these technologies. The main focus in the development of draft laws is on the Resolution "On Measures to Create Conditions for the Accelerated Introduction of Artificial Intelligence Technologies" (PQ-5014, 2021), which emphasizes that Artificial Intelligence technologies are the legal basis for the introduction of education, healthcare and other sectors, and the "Strategy for the Development of Artificial Intelligence" (2021-2030), which provides for the inclusion of AI modules in educational programs and training personnel. It provides for the training of AI specialists in educational institutions, the inclusion of subjects in school and higher education programs, as well as support for scientific research.

Digital Uzbekistan Strategy — 2030: It stipulates the digitization of the education system and the creation of educational platforms based on artificial intelligence. Its main tasks are:

- Training bachelors and masters in artificial intelligence in higher education institutions.
- Strengthening the teaching of programming and AI basics to schoolchildren.
- Automation of the educational process and implementation of personalized learning systems.

Artificial intelligence (AI) in education mainly uses technologies such as machine learning, natural language processing and data analytics to provide user-tailored learning, intelligent tutoring and automated administrative support. The main advantages include an adapted learning pace for students and helping teachers reduce paperwork and various calculations at the end of the work. Applications

include personalized content, automated assessments and predictive analytics to identify students at risk.

The use of artificial intelligence (AI) in the educational process offers the following opportunities:

Personalized learning: AI analyzes student data to create personalized learning paths to adapt to individual needs and improve retention of this data, resulting in the most optimal solutions for the user.

Intelligent tutoring systems: AI provides 24/7 online one-on-one assistance, offering personalized explanations and feedback.

Administrative automation: AI assistants can automatically grade assignments or answer frequently asked questions, help teachers communicate with multiple students at the same time and ensure that there are no interruptions to the process, and can answer some simple questions based on their capabilities.

Predictive analytics: Teachers use data to identify students who are or may be falling behind in learning and provide proactive intervention, which can help improve performance by several times.

Key issues and ethical considerations in using AI in education:

Data privacy and security: Protecting student data is a major concern, as inexperienced users may not pay enough attention to security procedures, which can lead to data loss, corruption, misuse, or other adverse consequences.

AI bias and equity: Algorithms can perpetuate existing educational inequalities, increasing monopoly power.

Overreliance on technology: Risk of reducing critical thinking and independent problem-solving skills. Students prefer to give answers provided by the Internet or artificial intelligence rather than giving their own independent opinions to the example questions or answers given during the training, and this can lead to situations such as not being able to keep themselves safe and calm without gadgets in a real environment.

Accuracy: Artificial intelligence (AI) tools do not always provide the most accurate and up-to-date information to users, sometimes they can provide incorrect or outdated information, which leads to difficulties in learning. This process can be carried out independently of the capabilities of the program, because when specifying the necessary information parameters, the user does not indicate the time intervals or indicates the wrong time, does not pay attention to updates, changes in names and abbreviations (for example, during the translation process), etc., and this process affects the processing of data, causing various distractions or errors.